

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : SKOLNICK, ET AL. Art Unit : to be assigned
Serial No. : to be assigned Examiner : to be assigned
Filed : October 17, 2001
Title : PROTEIN MODELING TOOLS

Commissioner for Patents
Washington, D.C. 20231

PRELIMINARY AMENDMENT DIVISIONAL APPLICATION

Sir:

Prior to examination of this divisional application, Applicants respectfully request entry of the amendment and consideration of the remarks set forth herein.

This preliminary amendment is being filed with the transmittal papers for this divisional application. In addition to the transmittal papers and associated documents, the following documents relevant to this preliminary amendment are also enclosed herewith:

- "Version with Markings to Show Changes Made"

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I hereby certify under 37 CFR §1.10 that this correspondence is being deposited with the United States Postal Service as Express Mail Post Office to Addressee with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

October 17, 2001
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AMENDMENT

Please amend the above-captioned application as follows:

In The Specification:

Please amend the specification as follows:

On page 1, replace the second paragraph entitled "Related Applications" with the following modified paragraph:

--This application claims the benefit of priority under 35 U.S.C. § 119(e) of U.S. Provisional Application Serial No. (USSN) 60/117,570, filed January 27, 1999, and USSN 60/118,844, filed February 5, 1999. This application also is a divisional of U.S. Patent Applications Serial No. ("USSN") 09/493,022, filed January 27, 2000, now pending. Each of the aforementioned applications are explicitly incorporated herein by reference in their entirety and for all purposes.--

Please amend the claims as follows:

Cancel claims 1 to 8, 12 and 13.

09/493,022 - 10/17/01

REMARKS

Status of the Claims

Restriction Requirement in parent

In the parent application U.S. Serial Number (USSN) 09/493,022, the Patent Office alleged that the pending claims of that application were directed to three separate and distinct inventions under 35 U.S.C. §121:

Group I: Claims 1-8, drawn to computer-implemented methods of generating a 3-D representation of a target sequence wherein the entire target sequence is listed, classified in Class 702, subclass 19.

Group II: Claims 9-11, computer-implemented methods of generating a 3-D representation of a target sequence wherein identity constraints, 2-D constraints, and tertiary constraints are used, classified in Class 702, subclass 19.

Group III: Claims 12-13, drawn to computer-implemented methods of generating a 3-D representation of a target sequence wherein an alignment of the target sequence with another sequence is used, classified in Class 702, subclass 19.

Group I elected in parent

In the parent application Applicants elected Group I, drawn to computer-implemented methods of generating a 3-D representation of a target sequence wherein the entire target sequence is listed, classified in Class 702, subclass 19.

Claims canceled

In the instant preliminary amendment for this divisional application, Applicants cancel claims 1 to 8, and 12 and 13; thus, claims directed to Group II, drawn to computer-implemented methods of generating a 3-D representation of a target sequence wherein identity constraints, 2-D constraints, and tertiary constraints are used, classified in Class 702, subclass 19, remain pending. Thus, after entry of the instant amendment, claims 9, 10 and 11 remain pending.

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